

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII

DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
DOH/CWB

R50A533.FNL.10

August 30, 2010

Mr. Timothy Steinberger, P.E.
Director
Department of Environmental Services
City and County of Honolulu
1000 Uluohia Street, Suite 212
Kapolei, Hawaii 96707

Attention: Mr. Wayne Hamada
Disposal Operations Engineer

Dear Mr. Steinberger:

Subject: NOTICE OF GENERAL PERMIT COVERAGE (NGPC)
National Pollutant Discharge Elimination System (NPDES)
Waimanalo Gulch Sanitary Landfill
Kapolei, Island of Oahu, Hawaii
File No. HI R50A533

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. §1251 et seq.; the "Act"); Hawaii Revised Statutes, Chapter 342D; and Hawaii Administrative Rules (HAR), Chapters 1154 and 11-55, Department of Health (DOH), State of Hawaii,

CITY AND COUNTY OF HONOLULU
DEPARTMENT OF ENVIRONMENTAL SERVICES

(hereinafter PERMITTEE)

is authorized to discharge storm water associated with industrial activity from the subject facility located at 92-460 Farrington Highway, Kapolei, Island of Oahu, Hawaii, TMK: (1) 9-2-003:072 & 073, to the receiving State waters identified as Waimanalo Gulch, a Class 2, Inland water, at discharge point coordinates: Latitude 21°20'51"N and Longitude 158°07'33"W.

WMH 000706

This NGPC will take effect on the date of this notice. This NGPC will expire at midnight, October 21, 2012, or when amendments to HAR, Chapter 11-55, Appendix B, are adopted, whichever occurs first. Any non-compliance with the conditions of this NGPC may be subject to penalties of up to \$25,000 per violation per day.

The administrative extension for the subject project, issued on October 19, 2007, is hereby terminated as of the date of this NGPC.

The Permittee shall:

1. Revise the Storm Water Pollution Control Plan (SWPCP) for each proposed future modification to the facility (i.e. 37 acre facility expansion; Material Drop-Off Facility; off-site run-on diversion; existing detention pond expansion; etc.). The revised SWPCP shall be submitted to the Clean Water Branch (CWB) for review and comment **at least 30 calendar days prior to the start of operational activities of the facility modification.**

All questions/concerns that the DOH may have must be answered to the satisfaction of the CWB, and you must receive CWB written acceptance of your submittal prior to the start of operations.

2. Sample the storm water discharge as described below:

Effluent Parameter (units)	Effluent Limitation {1}	Minimum Monitoring Frequency {2}	Type of Sample {3}
Flow (gallons)	{5}	Annually	Calculated or Estimated
Biochemical Oxygen Demand (5-Day) (mg/l)	{5}	Annually	Composite {4}
Chemical Oxygen Demand (mg/l)	{5}	Annually	Composite {4}
Total Suspended Solids (mg/l)	100	Annually	Composite {4}
Total Phosphorus (mg/l)	{5}	Annually	Composite {4}
Total Nitrogen (mg/l) {6}	{5}	Annually	Composite {4}
Nitrate + Nitrite Nitrogen (mg/l)	{5}	Annually	Composite {4}
Oil and Grease (mg/l)	15	Annually	Grab {7}
pH Range (Standard Units)	5.5-8.0	Annually	Grab {8}
Ammonia (mg/l)	10 {9}	Annually	Composite {4}

Effluent Parameter (units)	Effluent Limitation {1}	Minimum Monitoring Frequency {2}	Type of Sample {3}
	4.9 {10}		
Alpha Terpineol (mg/l)	0.033 {9} 0.016 {10}	Annually	Composite {4}
Benzoic Acid (mg/l)	0.12 {9} 0.071 {10}	Annually	Composite {4}
p-Cresol (mg/l)	0.025 {9} 0.014 {10}	Annually	Composite {4}
Pentachlorophenol (mg/l)	0.02	Annually	Composite {4}
Phenol (mg/l)	0.026 {9} 0.015 {10}	Annually	Composite {4}
Total Recoverable Arsenic (mg/l)	0.36	Annually	Composite {4}
Total Recoverable Cadmium (mg/l)	0.003 {11}	Annually	Composite {4}
Total Recoverable Chromium (VI)	0.016	Annually	Composite {4}
Total Recoverable Iron (mg/l)	1.0	Annually	Composite {4}
Total Recoverable Lead (mg/l)	0.029 {11}	Annually	Composite {4}
Total Recoverable Mercury (mg/l)	0.0024	Annually	Composite {4}
Total Recoverable Selenium (mg/l)	0.02	Annually	Composite {4}
Total Recoverable Silver (mg/l)	0.001 {11}	Annually	Composite {4}
Total Recoverable Zinc (mg/l)	0.022 {11}	Annually	Composite {4}

mg/l = milligrams per liter = 1000 micrograms per liter (µg/l)

NOTES:

- {1} Pollutant concentration levels shall not exceed the storm water discharge limits or be outside the ranges indicated in the table. Actual or measured levels which exceed those storm water discharge limits or are outside those ranges shall be reported to the CWB required in HAR, Chapter 11-55, Appendix B, Section 10(c).
- {2} “Annually” means once per calendar year to be submitted no later than 60 calendar days following sample collection.
- {3} The Permittee shall collect samples for analysis from a discharge resulting from a representative storm. A representative storm means a rainfall that accumulates more than 0.1 inch of rain and occurs at least 72 hours after the previous measurable (greater than 0.1 inch) rainfall event.

“Grab sample” means a sample collected during the first 15 minutes of the discharge.

“Composite sample” means a combination of at least two (2) sample aliquots, collected at periodic intervals. The composite shall be flow proportional; either the time interval between

each aliquot or the volume of each aliquot must be proportional to the total flow of storm water discharge flow since the collection of the previous aliquot. The Permittee may collect aliquots manually or automatically

Samples for analysis shall be collected during the first 15 minutes of the discharge and at 15minute intervals thereafter for the duration of the discharge, as applicable. If the discharge lasts for over an hour, sample collection may cease.

- {4} If the duration of the discharge event is less than 30 minutes, the sample collected during the first 15 minutes of the discharge shall be analyzed as a grab sample and reported toward the fulfillment of this composite sample specification. If the duration of the discharge event is greater than 30 minutes, the Permittee shall analyze two (2) or more sample aliquots as a composite sample.
 - {5} No limitation at this time. Only monitoring and reporting is required.
 - {6} The Total Nitrogen parameter is a measure of all nitrogen compounds in the sample (nitrate, nitrite, ammonia, dissolved organic nitrogen, and organic matter present as particulates).
 - {7} The Permittee shall measure Oil and Grease using EPA Method 1664, Revision A.
 - {8} The Permittee shall measure pH within 15 minutes of obtaining the grab sample.
 - {9} This value is a daily maximum limitation.
 - {10} This value is a maximum monthly average limitation.
 - {11} The value listed is the minimum standard. Depending upon the receiving water CaCO_3 hardness, higher standards may be calculated using the respective formula in the U.S. Environmental Protection Agency publication Quality Criteria for Water (EPA 440/5-86-001, Revised May 1, 1987).
3. Implement, operate, and maintain the facility's SWPCP to ensure that storm water discharges associated with industrial activities will not cause or contribute to a violation of applicable State water quality standards (WQS). Discharges of storm water associated with industrial activities shall comply with WQS and the effluent limitations described in Condition No. 2 of this NGPC.
4. Revise the SWPCP should any effluent limitation or water quality standards established in HAR, Section 11-54-4, be exceeded. The revisions shall include Best Management Practices (BMPs) and/or other measures to reduce the amount of pollutants found to be in exceedance from entering the storm water runoff.

5. Submit any changes to information on file with the CWB as soon as such changes arise, and properly address all related concerns and/or comments to the CWB's satisfaction.
6. Retain a copy of the Notice of Intent (NOI), SWPCP, and all subsequent revisions, if applicable; and this NGPC at the facility.
7. Comply with HAR, Chapter 11-55, Sections 11-55-34.04(a), 11-55-34.07, 11-55-34.11, 11-55-34.12 (enclosed), and any other sections applicable to the subject activity; HAR, Chapter 11-55, Appendix A, DOH, Standard General Permit Conditions (enclosed); HAR, Chapter 11-55, Appendix B, NPDES General Permit Authorizing Discharges of Storm Water Associated with Industrial Activities (enclosed); and all materials submitted in and with the retained copy of the NOI, dated October 5, 2007, and all subsequent submittals.
8. Complete and submit the Notice of Cessation (NOC) Form (CWB-NOC Form) to the CWB within two (2) weeks of completion of the subject project. The CWB-NOC Form can be downloaded from our website at: <http://www.hawaii.gov/health/environmental/water/cleanwater/forms/pdf/cwb-noc.pdf>.
9. Know that as of the date of this letter, Mr. Joseph Whelan of Waste Management of Hawaii, Inc. is recognized as the duly authorized representative to submit information/documents for compliance with the NGPC conditions, except submittal of the CWB-NOC Form. A new authorized representative may be appointed by updating the CWB NOI General Form (Item Nos. 6.c. or 6.d. – Authorized Representative Information); submitting a hard copy of CWB NOI General Form (Item No. 7. – Certification) with an original signature and date; and submitting the CWB NOI General Form (with the revisions to Item Nos. 6.c. or 6.d.) on a CD/DVD in xml format. [To create the xml file, click on the “Submit by Email” button on the form. An e-mail message will be automatically created whereby the xml file will be put as an attachment. Do not send the e-mail. Copy and paste the attachment (i.e., the xml file) onto a CD/DVD.]
10. For future submittals include the **File No. HI R50A533** and the following certification statement in your cover letter:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are

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significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations .”

The Permittee is responsible for obtaining other Federal, State, or local authorizations as required by law.

If you have any questions, please contact Ms. Lauren Tokura of the Enforcement Section or Mr. Darryl Lum of the Engineering Section, CWB, at 586-4309.

Sincerely,

ALEC WONG, P.E., ACTING CHIEF
Environmental Management Division

DCL:ml

- Enclosures:
1. HAR, Sections 11-55-01 and 11-55-34 to 11-55-34.12
 2. HAR, Chapter 11-55, Appendices A and B
 3. Title 40, Code of Federal Regulations Citations as referenced in HAR, Chapter 11-55, Water Pollution Control, Appendix A
 4. Hawaii DOH Customer Satisfaction Survey

c: Mr. Joseph Whelan, Waste Management of Hawaii, Inc.
(w/o encls.) [via e-mail JWhelan1@wm.com only]

WMH 000711